

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

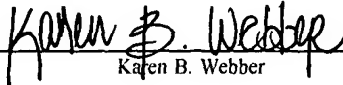


## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Kenneth W. Wood, Roman Sakowicz, Lawrence S.B. Goldstein and Don W. Cleveland for **Plus End-directed Microtubule Motor Required For Chromosome Congression**.

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **August 27, 2003** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EV 329 476 678 US** addressed to: **Box Patent Application**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
 Karen B. Webber

## 1. Type Of Application

This new application is for a(n)

- ☒ Original (nonprovisional)  
☒ Divisional.

Divisional application under 37 CFR 1.53(b) of pending parent application Serial No. 09/150,867 (our File No. UCSD-04734) filed on September 10, 1998, of inventors Kenneth W. Wood, Roman Sakowicz, Lawrence S.B. Goldstein, and Don W. Cleveland, entitled "Plus End-directed Microtubule Motor Required For Chromosome Congression".

## 2. Benefit Of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

- ☒ The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**.

## 3. Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

I hereby verify that the attached papers are a true copy of what is shown in my record to be the above identified parent application.

56 Pages of Specification  
 5 Pages of Claims  
 1 Page of Abstract  
 4 Sheets of Formal Drawings

## 4. Additional Papers Enclosed

- ☒ Preliminary Amendment, with Tab 1  
☒ Request under 37 C.F.R. § 1.821(c) to use computer readable sequence listing in prior application.  
☒ Certificate Re: Sequence Listing

## 5. Declaration

- ☒ Enclosed  
☒ Executed by inventors. A copy of the executed declaration from the parent and of the amendments referred to therein is enclosed.

## 6. Information Disclosure Statement

- ☒ An Information Disclosure Statement (37 CFR § 1.98), form PTO-1449 and references are submitted herewith.

## 7. Assignment

- ☒ The parent application was originally assigned of record to The Regents of the University of California at Reel 9714, Frame 0978. A copy of the Assignment and Recordation Form from the parent and of the amendments referred to therein is enclosed."

**8. Inventorship Statement**

The inventorship for all the claims in this application is:

- ☒ the same. With respect to the parent copending U.S. application from which this application claims benefit under 35 USC §120, the inventors in this application are the same.

**9. Language**

- ☒ English

**10. Fee Calculation (37 C.F.R. § 1.16)**

- ☒ Regular application

**CLAIMS AS FILED**

Number Filed	Number Extra	Rate	Basic Fee - \$750.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	42 - 20 =	22 × \$18.00 =	\$396.00
Independent Claims (37 C.F.R. § 1.16(b))	7 - 3 =	4 × \$84.00 =	\$336.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$280.00 =		\$0.00
<b>Filing Fee Calculation</b>			<b>\$1482.00</b>

**11. Fee Payment By Deposit Account Authorization Being Made At This Time**

- ☒ basic filing fee

\$1482.00

**Total Fees****\$1482.00****12. Method of Payment of Fees**

- ☒ Deposit Account Authorization in the amount of \$1482.00

**13. Authorization To Charge Fees and Credit Overpayment**

- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

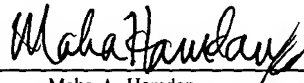
**14. Power of Attorney by Assignee**

- ☒ Enclosed. The Power of Attorney is to Medlen & Carroll, LLP.
- a. A copy of the executed Power of Attorney document from the parent is enclosed.
- b. Address all further communications to: Maha A. Hamdan.

**15. Return Receipt Postcard**

- ☒ Enclosed

Signed on behalf of:

Dated: August 27, 2003


Maha A. Hamdan  
Registration No.: 43,655

MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 350  
San Francisco, California 94105  
617/252-3353

☒ **Incorporation By Reference Of Added Pages**

- ☒ Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s) Claimed

Number of pages added 1

**ADDED PAGES FOR APPLICATION TRANSMITTAL  
WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**

**16. Relate Back**

A. 35 U.S.C. § 119(e)

B. 35 U.S.C. §§ 120, 121 and 365(c)

- ☒ This application is a divisional application of co-pending U.S. Application Serial No. 09/150,867, filed on September 10, 1999, which claims the benefit of U.S. Application Serial No. 60/058,645, filed September 11, 1997, now abandoned.

**17. Further Inventorship Statement Where Benefit Of Prior Application(s) Claimed**

- a. This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are  
☒ the same.
- b. This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are  
☒ the same.

**18. Notification In Parent Application Of This Filing**

- ☒ A notification of the filing of this  
☒ divisional  
is being filed in the parent application from which this application claims priority under 35 U.S.C. § 120.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Kenneth W. Wood, et al.  
Serial No.: \_\_\_\_\_ Group No.: \_\_\_\_\_  
Filed: \_\_\_\_\_ Examiner: \_\_\_\_\_  
Entitled: **Plus End-directed Microtubule Motor Required For Chromosome  
Congression**

**TRANSMITTAL OF FORMAL DRAWINGS**

**Box Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10</b>	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV 329 476 678 US, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: <u>August 27, 2003</u>	By: <u>Karen B. Webster</u> Karen B. Webster

Sir or Madam:

Applicants submit the following documents for filing:

☒ 4 sheets of FORMAL DRAWINGS for this application.

Signed on behalf of:

Dated: August 27, 2003

Maha A. Hamdan  
Maha A. Hamdan  
Registration No. 43,655

MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 305  
San Francisco, California 94105  
415/904-6500

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Kenneth W. Wood *et al.*

Serial No.:

Group No.:

Filed:

Examiner:

Entitled:

**Plus End-directed Microtubule Motor Required  
For Chromosome Congression**

**CERTIFICATE RE: SEQUENCE LISTING**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Dated: <u>August 27, 2003</u>	By: <u>Karen B. Weber</u> Karen B. Weber

Sir or Madam:

I hereby state that the enclosed Sequence Listing is being submitted in paper copy and that it is identical to the computer-readable form that was mailed on April 7, 1999 in the priority application Serial No. 09/150,867 (Attorney Docket No. UCSD-04734).

Signed on behalf of:

Dated: August 27, 2003

By: Maha Hamdan  
Maha A. Hamdan  
Registration No. 43,655

MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 350  
San Francisco, California 94105  
415.904.6500